

AMENDMENTS TO THE CLAIMS:

This listing of Claims will replace all prior versions, and listings, of Claims in the application:

Listing Of Claims:

Claim 1 (Original) A composition comprising (i) FCC catalyst particles and (ii) additive particles suitable for the reduction of NO_x emissions from an FCC regenerator, said additive particles comprising:

- a) a Mg and Al-containing anionic clay or solid solution,
- b) a rare earth metal oxide,
- c) alumina and/or silica-alumina, and
- d) Y-type zeolite.

Claim 2 (Original) A composition according to Claim 1 wherein the additive particles, calculated as oxides and based on the total weight of the additive particles, comprise:

- a) Mg and Al-containing anionic clay in an amount of about 50-65 wt%,
- b) CeO₂ in an amount of about 2.5-20 wt%,
- c) alumina in an amount of about 20-45 wt%,
- d) a REY zeolite in an amount of about 2-10 wt%.

Claim 3 (Original) A composition according to Claim 2 wherein the additive particles, calculated as oxides and based on the total weight of the additive particles, comprise:

- a) Mg and Al-containing anionic clay or solid solution in an amount of about 50-65 wt.%,
- b) CeO₂ in an amount of about 6-12 wt.%,
- c) alumina in an amount of about 25-35 wt.%,
- d) a REY zeolite in an amount of about 3-8 wt.%.

Claim 4 (Original) A composition according to any one of the preceding Claims wherein the additive particles additionally contain 2-8 wt% of silica.

Claim 5 (Previously Amended) A composition according to any of Claims 1 - 3 wherein the additive particles additionally comprise Cu.

Claim 6 (Previously Amended) A process for preparing a composition according to any of Claims 1 - 3, comprising the steps of

- (1) combining an aluminium source and a magnesium source in water to form an aqueous slurry;
- (2) optionally milling the slurry,
- (3) aging the slurry,
- (4) combining a rare earth metal oxide or a precursor thereof with the product of step (3),
- (5) spray-drying the product of step (4),
- (6) calcining the spray-dried material,
- (7) optionally slurrying the product of step (6) in water,
- (8) milling the product of step (6) or (7),
- (9) combining the product of step (6), (7), or (8) with the alumina and/or silica-alumina and the Y-type zeolite,
- (10) shaping the product of step (9) to form additive particles, and
- (11) physically mixing said additive particles with FCC catalyst particles.

Claim 7 (Original) A process according to Claim 6 wherein the aluminium source of step (1) is aluminium trihydrate and the magnesium source is magnesium oxide.

Claim 8 (Previously Amended) A process according to Claim 6 wherein the alumina of step (9) is peptised pseudoboehmite.

Claim 9 (Currently Amended) An FCC process utilizing The use of the composition according to Claims 1 – 3 in an FCC unit.

Claim 10 (Currently Amended) An FCC process utilizing The use of the composition according to Claim 4 in an FCC unit.

Claim 11 (Currently Amended) An FCC process utilizing The use of the composition according to Claim 5 in an FCC unit.

Claim 12 (Previously Added) A process according to Claim 7 wherein the alumina of step (9) is peptised pseudoboehmite.